SEQUENCE LISTING

<110> The Government of the United States of America, as represented by The Secretary of the Department of Health and Human Services
Kashmiri, Syed V.S.
Padlan, Eduardo A.
Jeffery, Schlom

<120> VARIANTS OF HUMANIZED ANTI-CARCINOMA MONOCLONAL ANTIBODY CC49

<130> 4239-61725

<140> US 09/830,748
<141> 2001-04-30

<150> PCT/ US99/25552
<151> 1999-10-29

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<151> 1998-11-02

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<151> 1998-10-31

<160> 44

<170> PatentIn version 3.1

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Ala

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Glu Arg Val Thr Leu Asn Cys Lys Ser Ser Gly Ser Leu Leu Tyr Ser
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35 40 45

Ser Pro Lys Leu Leu Ile Tyr Trp Ala Ser Ala Arg Glu Ser Gly Val
50 55 60

Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr
65 70 75 80

Ile Ser Ser Val Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln
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Tyr Tyr Ser Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu
100 105 110

Lys

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Ala Ile His Trp Val Lys Gln Asn Pro Gly Gln Arg Leu Glu Trp Ile
35 40 45

Gly Tyr Phe Ser Pro Gly Asn Asp Asp Phe Lys Tyr Asn Glu Arg Phe
50 55 60

Lys Gly Lys Ala Thr Leu Thr Ala Asp Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

Val Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys
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Val Ser Ser
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gcc 123

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cg 122

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Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
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caggattctg tttcttctga tttccgctat agagagtgaa ggtgtagccg cttgccttgc 300

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